IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application Number:

09/478,299

Applicants:

John L. Schenk

Filed:

January 5, 2000

Title:

Method of Cryopreserving Selected Sperm Cells

Group Art Unit:

1654

Examiner:

M. Meller

Assignee:

XY, Inc. 22091-701

Attorney Docket:

Customer No.:

33549

CERTIFICATION

L John L. Schenk, certify that the attached data regarding the effect of dilution on 5°C cooled sperm was documented and observed by myself in August 2006. The objective of this experiment was to accomplish continuity data for sperm motility at dilution concentrations between 5 x 106 sperm/ml and 10 x 106 sperm/ml.

Dated this 22 day of September, 2006.

Jóhn L. Schenk

UNITED STATES OF AMERICA

STATE OF COLORADO

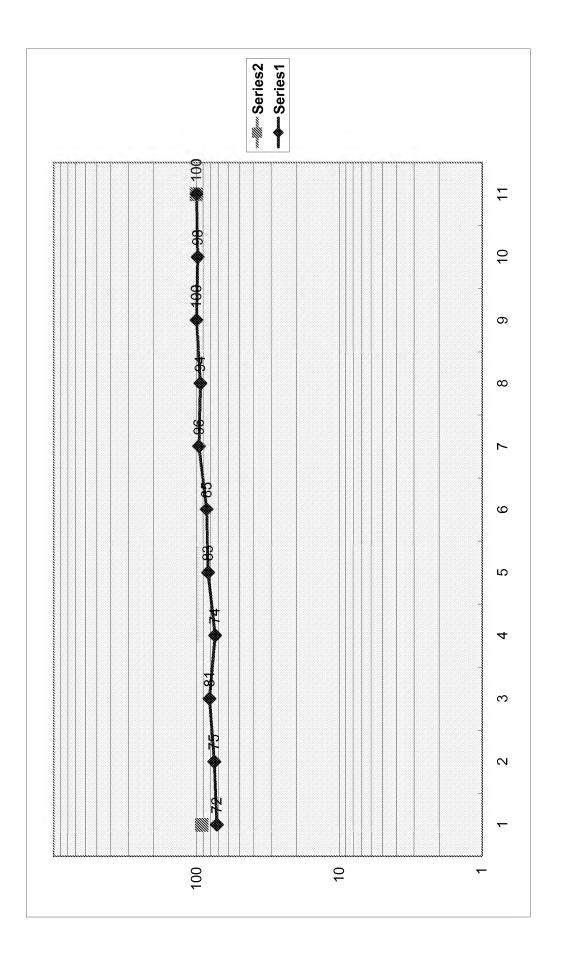
COUNTY OF LARIMER

SUBSCRIBED AND SWORN to before me in the County of Larimer, State of Colorado, United States of America, by John L. Schenk, this 22 day of September, 2006.

188.

WITNESS, my, hand and official seal pursuant to the authority vested in me as a

Notary Public Ja Vin Stor. 🕅 Colorado.



Bull	Sperm/ml	John 24h	Kathy 24h
H0040	5.00	08	35
H0040	5.50	30	36
H0040	6.00	30	45
HO040	6.50	40	40
HO040	7.00	45	45
HO040	7.50	45	40
HO040	8.00	45	45
HQ040	8.50	45	45
H0040	9.00	50	50
HC040	9.50	45	45
HO040	10.00	50	45
HQ047	\$.00	20	35
HO047	5.50	26	35
HQ047	8.00	25	35
HO047	8.50	20	25
HQ047	7.00	20	36
HQ047	7.50	25	35
HO047	8.00	35	40
HO047	8.50	30	40
HQ047	9.00	35	40
HO047	9.50	35	38
HO047	10.00	40	30
HO048	5.00	30	40
HO048	6.50	30	45
HO048	6.00	35	45
HO048	6.50	30	40
HO048	7.00	35	40
HO048	7.50	35	45
HO048	8.00	45	45
HO048	8.50	45	46
HO048	9.00	45	45
HO048	9.50	50	50
HO048	10.00	55	45